

## Safety Attribute Inspection (SAI) Data Collection Tool

### 4.4.3 Privileges Airframe and Powerplant (AW)

#### ELEMENT SUMMARY INFORMATION

**Purpose of this Element** (certificate holder's responsibility):

- To provide policies, procedures, and instructions that ensure appropriately certificated airframe and powerplant mechanics (airman) are utilized when accomplishing work functions requiring a person to be certificated under 14 CFR part 121.

**Objective** (FAA oversight):

- To determine if the certificate holder's process for Privileges for Airframe and Powerplant meets all applicable requirements of Title 14 of the Code of Federal Regulations (14 CFR) and FAA policies.
- To determine if the certificate holder's process for Privileges Airframe and Powerplant mechanics incorporates the safety attributes.
- To identify any shortfalls in the certificate holder's process for Privileges Airframe and Powerplant mechanics.

**Specific Instructions:**

- Intentionally Left Blank

#### SUPPLEMENTAL INFORMATION

**Specific Regulatory Requirements (SRRs):**

- SRRs:
  - 119.43(b)
  - 119.43(b)(1)
  - 119.43(b)(2)
  - 119.43(c)
  - 121.135(a)(1)
  - 121.135(b)(1)
  - 121.135(b)(2)
  - 121.135(b)(3)
  - 121.371(a)
  - 121.378(a)
  - 121.383(a)(1)
  - 121.383(a)(3)
  - 121.709(b)(3)
  - 65.81(a)
  - 65.81(b)
  - 65.85
  - 65.87
  - D.084(e)

**Related CFRs & FAA Policy/Guidance:**

- Related CFRs:  
Intentionally left blank

- FAA Policy/Guidance:  
HBAW 05-06

### SAI SECTION 1 - PROCEDURES ATTRIBUTE

**Objective:** Procedures, instructions, and information contained in the certificate holder's manual are documented methods for accomplishing a process. Policies contained in the certificate holder's manual should establish the certificate holder's compliance posture. Policies may not be stand-alone statements but may be imbedded within procedures, instructions, or information regarding a particular regulatory requirement. The questions in this section of the data collection tool (DCT) are designed to assist the inspector in determining if the certificate holder's manual has documented or prescribed methods of accomplishing the process requirements that provide answers to the associated questions regarding who, what, when, where, and how. This section contains policy questions, procedural questions, and instructional or informational questions pertaining to various types of certificate holder requirements such as actions, prohibitions, or resources (i.e., personnel, facilities, equipment, technical data, etc.).

#### Tasks

	To meet this objective, the inspector must accomplish the following tasks:
1.	Review the information listed in the Supplemental Information section of this DCT.
2.	Review the duties and responsibilities for management and other personnel identified by the certificate holder who accomplish the Privileges Airframe and Powerplant process.
3.	Review the certificate holder's manual to ensure that it contains policies, procedures, instructions, and information necessary for the Privileges Airframe and Powerplant process.

#### Questions

	To meet this objective, the inspector must answer the following questions:	
1.	Does the certificate holder's manual content meet the specific regulatory and FAA policy requirements for a Privileges Airframe and Powerplant process:	
1.1.	<p>Does the certificate holder's manual permit only appropriately rated certificated mechanics to be directly in charge of maintenance (supervise), preventive maintenance, or alterations?</p> <p>SRRs: 121.378(a); 121.383(a)(1); 65.81(a)</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check that the certificate holder's manual has instructions and information for the duties and responsibilities for an appropriately certificated mechanic to perform or supervise the maintenance for which he is rated (Excluding major repairs to, and major alterations of, propellers, and any repair to, or alteration of, instruments). <i>Sources:</i> 121.135(a)(1); 65.81(a) <i>Interfaces:</i> 1.3.1(AW); 1.3.7(AW); 1.3.14(AW); 4.1.2(AW)</li> <li>2. Check that the certificate holder's manual has instructions and information for the duties and responsibilities for each person who is directly in charge of maintenance holds an appropriate airman certificate. <i>Sources:</i> 121.135(a)(1); 121.378(a) <i>Interfaces:</i> 1.1.1(AW); 1.3.1(AW); 1.3.7(AW); 4.2.1(AW)</li> <li>3. Check that the certificate holder's manual contains a policy that will ensure each person who is directly in charge of maintenance holds an appropriate airman certificate. <i>Sources:</i> 121.135(b)(1); 121.378(a) <i>Interfaces:</i> 1.1.1(AW); 1.3.1(AW); 1.3.7(AW); 4.2.1(AW)</li> </ol>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

1.2.	<p>Does the certificate holder's manual require the certificated mechanics who are directly in charge of (supervise) maintenance, preventive maintenance, or alterations to have previous experience in the specific work concerned?</p> <p>SRRs: 121.383(a)(3); 65.81(a); 65.85; 65.87</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check that the certificate holder's manual has instructions and information for the duties and responsibilities for an appropriately certificated mechanic to perform or supervise the maintenance for which he is rated (Excluding major repairs to, and major alterations of, propellers, and any repair to, or alteration of, instruments). <i>Sources:</i> 121.135(a)(1); 65.81(a) <i>Interfaces:</i> 1.3.1(AW); 1.3.7(AW); 1.3.14(AW); 4.1.2(AW)</li> <li>2. Check that the certificate holder's manual has a policy that the certificate holder may not use any person as an airman, nor may any person serve as an airman unless that person is otherwise qualified for the operation for which he is to be used. <i>Sources:</i> 121.135(b)(1); 121.383(a)(3) <i>Interfaces:</i> 1.3.7(AW); 1.3.14(AW); 4.4.2(AW)</li> <li>3. Check that the certificate holder's manual has instructions and information for persons serving as an airman to be otherwise qualified for the operation for which he is to be used. <i>Sources:</i> 121.135(a)(1); 121.383(a)(3) <i>Interfaces:</i> 1.3.7(AW); 1.3.14(AW); 4.4.2(AW)</li> </ol>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.3.	<p>Does the certificate holder's manual require a certificated mechanic to understand the current instructions of the manufacturer, and the maintenance manuals, before exercising the privileges of his/her certificate?</p> <p>SRRs: 121.383(a)(3); 65.81(b)</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check that the certificate holder's manual has instructions and information for the duties and responsibilities for an appropriately certificated mechanic to not exercise the privileges of the certificate and rating unless he understands the current instructions of the manufacturer and the maintenance manuals for the specific operation concerned. <i>Sources:</i> 121.135(a)(1); 65.81(b) <i>Interfaces:</i> 1.3.14(AW); 4.2.1(AW)</li> <li>2. Check that the certificate holder's manual has a policy that the certificate holder may not use any person as an airman, nor may any person serve as an airman unless that person is otherwise qualified for the operation for which he is to be used. <i>Sources:</i> 121.135(b)(1); 121.383(a)(3) <i>Interfaces:</i> 1.3.7(AW); 1.3.14(AW); 4.4.2(AW)</li> <li>3. Check that the certificate holder's manual has instructions and information for persons serving as an airman to be otherwise qualified for the operation for which he is to be used. <i>Sources:</i> 121.135(a)(1); 121.383(a)(3) <i>Interfaces:</i> 1.3.7(AW); 1.3.14(AW); 4.4.2(AW)</li> </ol>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.4.	<p>Does the certificate holder's manual identify the certificate and rating requirements for the maintenance, preventive maintenance, or alterations being</p>	<input type="checkbox"/> Yes

	<p>performed?</p> <p>SRRs: 121.383(a)(1); 65.81(a); 65.85; 65.87</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check that the certificate holder's manual has instructions and information for the duties and responsibilities for an appropriately certificated mechanic to perform or supervise the maintenance for which he is rated (Excluding major repairs to, and major alterations of, propellers, and any repair to, or alteration of, instruments). <i>Sources:</i> 121.135(a)(1); 65.81(a) <i>Interfaces:</i> 1.3.1(AW); 1.3.7(AW); 1.3.14(AW); 4.1.2(AW)</li> <li>2. Check that the certificate holder's manual has a policy that the certificate holder may not use any person as an airman, nor may any person serve as an airman unless that person is otherwise qualified for the operation for which he is to be used. <i>Sources:</i> 121.135(b)(1); 121.383(a)(3) <i>Interfaces:</i> 1.3.7(AW); 1.3.14(AW); 4.4.2(AW)</li> <li>3. Check that the certificate holder's manual has instructions and information for persons serving as an airman to be otherwise qualified for the operation for which he is to be used. <i>Sources:</i> 121.135(a)(1); 121.383(a)(3) <i>Interfaces:</i> 1.3.7(AW); 1.3.14(AW); 4.4.2(AW)</li> </ol>	<input type="checkbox"/> No, Explain
1.5.	<p>Does the certificate holder's manual require a certificated mechanic to have previous experience in the specific work concerned before approving and returning aircraft to service after maintenance, preventive maintenance, or alterations are performed on the aircraft?</p> <p>SRRs: 121.383(a)(3); 65.81(a); 65.85; 65.87</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check that the certificate holder's manual has instructions and information for the duties and responsibilities for an appropriately certificated mechanic with an airframe rating to approve and return to service an airframe, or any related part or appliance, after he supervised its maintenance or alteration. <i>Sources:</i> 121.135(a)(1); 65.85 <i>Interfaces:</i> 1.1.1(AW); 1.3.1(AW); 1.3.14(AW); 4.2.1(AW)</li> <li>2. Check that the certificate holder's manual has instructions and information for the duties and responsibilities for an appropriately certificated mechanic with a powerplant rating to approve and return to service a powerplant or propeller or any related part or appliance, after he has supervised its maintenance or alteration. <i>Sources:</i> 121.135(a)(1); 65.87 <i>Interfaces:</i> 1.1.1(AW); 1.3.1(AW); 1.3.14(AW); 4.2.1(AW)</li> <li>3. Check that the certificate holder's manual has instructions and information for the duties and responsibilities for the authorized certificated airman to sign the airworthiness release or make an aircraft log entry. <i>Sources:</i> 121.135(a)(1); 121.709(b)(3) <i>Interfaces:</i> 1.1.1(AW); 1.2.1(AW); 1.2.3(AW); 1.3.1(AW); 1.3.5(AW); 1.3.7(AW); 1.3.14(AW); 3.2.3(OP); 4.2.1(AW); 5.1.8(AW); 5.1.8(OP); 5.1.9(AW); 5.1.9(OP)</li> </ol>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

1.6.	<p>Does the information contained in the certificate holder's manual for persons authorized to prepare an airworthiness release or make an appropriate entry in the aircraft log limit their authority to only the work for which they are certificated and rated to perform?</p> <p>SRRs: 121.383(a)(3); 121.709(b)(3); 65.81(a); 65.85; 65.87</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check that the certificate holder's manual has instructions and information for the duties and responsibilities for an appropriately certificated mechanic with an airframe rating to approve and return to service an airframe, or any related part or appliance, after he supervised its maintenance or alteration. <i>Sources:</i> 121.135(a)(1); 65.85 <i>Interfaces:</i> 1.1.1(AW); 1.3.1(AW); 1.3.14(AW); 4.2.1(AW)</li> <li>2. Check that the certificate holder's manual contains a policy that ensures authorized certificated airmen sign the airworthiness release or make an aircraft log entry. <i>Sources:</i> 121.135(b)(1); 121.709(b)(3) <i>Interfaces:</i> 1.1.1(AW); 1.2.1(AW); 1.2.3(AW); 1.3.1(AW); 1.3.5(AW); 1.3.7(AW); 1.3.14(AW); 3.2.3(OP); 4.2.1(AW); 5.1.8(AW); 5.1.8(OP); 5.1.9(AW); 5.1.9(OP)</li> </ol>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.7.	<p>Does the information contained in the certificate holder's manual require persons performing required inspections to be appropriately certificated and rated for the work being inspected?</p> <p>SRRs: 121.371(a); 121.378(a); 65.81(a); 65.85; 65.87</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check that the certificate holder's manual contains a policy that will ensure no person may perform required inspections unless the person performing the inspection is appropriately certificated, properly trained, qualified, and authorized to do so. <i>Sources:</i> 121.135(b)(1); 121.371(a) <i>Interfaces:</i> 1.1.1(AW); 1.2.3(AW); 1.3.1(AW); 1.3.2(AW); 1.3.14(AW); 2.1.1(AW); 2.1.1(OP); 4.1.1(AW); 4.1.2(AW); 4.2.2(AW); 7.1.2(AW)</li> <li>2. Check that the certificate holder's manual has instructions and information for the duties and responsibilities so no person may perform required inspections unless the person performing the inspection is appropriately certificated, properly trained, qualified, and authorized. <i>Sources:</i> 121.135(a)(1); 121.371(a) <i>Interfaces:</i> 1.1.1(AW); 1.2.3(AW); 1.3.1(AW); 1.3.2(AW); 1.3.14(AW); 2.1.1(AW); 2.1.1(OP); 4.1.1(AW); 4.1.2(AW); 4.2.2(AW); 7.1.2(AW)</li> <li>3. Check that the certificate holder's manual contains a policy that will ensure each person performing required inspections holds an appropriate airman certificate. <i>Sources:</i> 121.135(b)(1); 121.378(a) <i>Interfaces:</i> 1.1.1(AW); 1.2.3(AW); 1.3.1(AW); 1.3.2(AW); 1.3.14(AW); 2.1.1(AW); 2.1.1(OP); 4.1.1(AW); 4.1.2(AW); 4.2.2(AW); 7.1.2(AW)</li> <li>4. Check that the certificate holder's manual has instructions and information for the duties and responsibilities, and that each person performing required inspections holds an appropriate airman certificate. <i>Sources:</i> 121.135(a)(1); 121.378(a) <i>Interfaces:</i> 1.1.1(AW); 1.2.3(AW); 1.3.1(AW); 1.3.2(AW); 1.3.14(AW);</li> </ol>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

	2.1.1(AW); 2.1.1(OP); 4.1.1(AW); 4.1.2(AW); 4.2.2(AW); 7.1.2(AW)	
1.8.	<p>Does the information contained in the certificate holder's manual specify that a certificated mechanic may not exercise the privileges of his or her airframe and powerplant certificate to perform repairs to or alterations of a propeller or instrument?</p> <p>SRRs: 121.383(a)(1); 65.81(a); 65.87</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check that the certificate holder's manual has instructions and information for the duties and responsibilities for an appropriately certificated mechanic with an airframe rating to approve and return to service an airframe, or any related part or appliance, after he supervised its maintenance or alteration.</li> </ol> <p>Sources: 121.135(a)(1); 65.85</p> <p>Interfaces: 1.1.1(AW); 1.3.1(AW); 1.3.14(AW); 4.2.1(AW)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.9.	<p>Does the information contained in the certificate holder's manual specify that a certificated mechanic may not exercise the privileges of his or her airframe and powerplant certificate to perform or return to service major repairs or major alterations?</p> <p>SRRs: 121.383(a)(1); 65.85; 65.87</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check that the certificate holder's manual has instructions and information for the duties and responsibilities for an appropriately certificated mechanic with an airframe rating to approve and return to service an airframe, or any related part or appliance, after he supervised its maintenance or alteration.</li> </ol> <p>Sources: 121.135(a)(1); 65.85</p> <p>Interfaces: 1.1.1(AW); 1.3.1(AW); 1.3.14(AW); 4.2.1(AW)</p> <ol style="list-style-type: none"> <li>2. Check that the certificate holder's manual has instructions and information for the duties and responsibilities for an appropriately certificated mechanic with a powerplant rating to approve and return to service a powerplant or propeller or any related part or appliance, after he has supervised its maintenance or alteration.</li> </ol> <p>Sources: 121.135(a)(1); 65.87</p> <p>Interfaces: 1.1.1(AW); 1.3.1(AW); 1.3.14(AW); 4.2.1(AW)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.10.	<p>Does the information contained in the certificate holder's manual specify that an authorized certificated mechanic may certify, in the aircraft record, that the aircraft is in a safe condition for the flight when conducting ferry flights using a special flight permit with continuous authorization only for the work for which he/she is appropriately certificated?</p> <p>SRRs: D.084(e)</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check that the certificate holder's manual has a policy that the certificate holder may not use any person as an airman, nor may any person serve as an airman unless that person is otherwise qualified for the operation for which he is to be used.</li> </ol> <p>Sources: 121.135(b)(1); 121.383(a)(3)</p> <p>Interfaces: 1.3.7(AW); 1.3.14(AW); 4.4.2(AW)</p> <ol style="list-style-type: none"> <li>2. Check that the certificate holder's manual has instructions and</li> </ol>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

	<p>information for persons serving as an airman to be otherwise qualified for the operation for which he is to be used.</p> <p><i>Sources:</i> 121.135(a)(1); 121.383(a)(3)</p> <p><i>Interfaces:</i> 1.3.7(AW); 1.3.14(AW); 4.4.2(AW)</p>	
1.11.	<p>Does the certificate holder's manual contain the required references to, or excerpts from, operations specifications paragraph D.084(e)?</p> <p>SRRs: 119.43(b)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.12.	<p>If the certificate holder's manual includes excerpts from its operations specifications, are the excerpts clearly identified as part of the operations specifications?</p> <p>SRRs: 119.43(b)(1)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.13.	<p>Does the certificate holder's manual require compliance with operations specifications paragraph D.084(e)?</p> <p>SRRs: 119.43(b)(2)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.14.	<p>Does the certificate holder's manual contain a method for keeping all persons engaged in its operations informed of the provisions of operations specifications paragraph D.084(e)?</p> <p>SRRs: 119.43(c)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
2.	<p>Does the certificate holder's manual contain general policies for the Privileges Airframe and Powerplant process that comply with the SRRs?</p> <p>SRRs: 121.135(b)(1)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
3.	<p>Does the certificate holder's manual reference the appropriate Federal Aviation Regulations listed in the Supplemental Information section of this safety attribute inspection (SAI)?</p> <p>SRRs: 121.135(b)(3)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
4.	<p>Does the certificate holder's manual contain the duties and responsibilities for personnel who will accomplish the Privileges Airframe and Powerplant process?</p> <p>SRRs: 121.135(b)(2)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
5.	<p>Does the certificate holder's manual include instructions and information for personnel to meet the requirements of the Privileges Airframe and Powerplant process?</p> <p>SRRs: 121.135(a)(1)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain



SAI SECTION 1 - PROCEDURES ATTRIBUTE Drop-Down Menu	
1.	No procedures, policy, instructions or information specified.
2.	Procedures or instructions and information do not identify (who, what, when, where, how).
3.	Procedures, policy or instructions and information do not comply with CFR.
4.	Procedures, policy or instructions and information do not comply with FAA policy and guidance.
5.	Procedures, policy or instructions and information do not comply with other documentation (e.g., manufacturer's data, Jeppesen's Charts, etc.).
6.	Procedures, policy or instructions and information unclear or incomplete.
7.	Documentation quality (e.g., unreadable or illegible).
8.	Procedures, policy or instructions and information inconsistent across Certificate Holder manuals (FOM - Flight Operations Manual to GMM - General Maintenance Manual, etc.).
9.	Procedures, policy or instructions and information inconsistent across media (e.g., paper, microfiche, electronic).
10.	Resource requirements incomplete (personnel, facilities, equipment, technical data).
11.	Other.

## SAI SECTION 2 - CONTROLS ATTRIBUTE

**Objective:** Controls are checks and restraints designed into a process to ensure a desired result. The questions in this section of the DCT are designed to assist the inspector in determining if checks and restraints are designed into the process to ensure the desired result is achieved. Controls should be written into the manual system to ensure that the most important manual policies, procedures, or instructions and information will be followed.

Controls may be in the form of administrative controls, which are secondary or supplemental written procedures. Like written procedures, administrative controls also need to provide answers to questions regarding who, what, when, where, and how. Controls may also be in the form of engineered controls, such as automated features or mechanical actions or devices (i.e., safety devices, warning devices, etc.).

### Tasks

To meet this objective, the inspector must accomplish the following tasks:

1. Review the control questions below.
2. Review the certificate holder's policies, procedures, instructions, and information to gain an understanding of the controls that it has documented.

### Questions

	To meet this objective, the inspector must answer the following questions:	
1.	Are the following controls built into the Privileges Airframe and Powerplant process:	
1.1.	Is there a control or controls in place to ensure that an aircraft airworthiness release is accomplished by an appropriately certificated individual?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.2.	Is there a control or controls in place to ensure that RII inspection(s) are accomplished by an authorized, appropriately certificated individual?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.3.	Is there a control or controls in place to ensure that maintenance logbook entries that extend an aircraft airworthiness release are made by an appropriately certificated individual?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.4.	Is there a control or controls in place to ensure that certificated mechanics performing maintenance, preventive maintenance, or alterations are appropriately rated?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.5.	Is there a control or controls in place to ensure that certificated airframe and/or powerplant individuals understand the current instructions of the manufacturer, and the maintenance manuals, for the specific operation concerned?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.6.	Is there a control or controls in place to ensure that persons supervising the work have satisfactorily performed the work concerned at an earlier date?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.7.	Is there a control or controls in place to ensure that individuals supervising work functions are appropriately certificated?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.8.	Is there a control or controls in place to ensure that certificated mechanics approve and return to service only maintenance, preventive maintenance, or alterations for which they have previous experience in the specific work concerned?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
2.	Does the certificate holder have a documented method for assessing the impact of any changes made to the controls in the Privileges Airframe and Powerplant process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain



SAI SECTION 2 - CONTROLS ATTRIBUTE Drop-Down Menu	
1.	No controls specified.
2.	Documentation for the controls do not identify (who, what, when, where, how).
3.	Controls incomplete.
4.	Controls could be circumvented.
5.	Controls could be unenforceable.
6.	Resource requirements incomplete (personnel, facilities, equipment, technical data).
7.	Other.

### SAI SECTION 3 - PROCESS MEASUREMENT ATTRIBUTE

**Objective:** Process measurements are used by the certificate holder to measure and assess its processes, to identify and correct problems or potential problems, and to make improvements to the processes. The questions in this section of the DCT are designed to assist the inspector in determining if the certificate holder measures or assesses information to identify, analyze, and document potential problems with the process. Process measurements are a certificate holder's internal evaluation or auditing of the most important policies, procedures, or instructions and information associated with an element.

To prevent the duplication of work, process measurements are most commonly addressed through a combination of auditing features contained in both the certificate holder's safety program/internal evaluation program (for operations and cabin safety-related issues) and the auditing function of the Continuous Analysis and Surveillance System (for airworthiness or maintenance/inspection-related issues). The director of safety and the quality assurance department often work together to accomplish this function for the certificate holder. This approach requires amendment of the safety program/internal evaluation program audit forms or checklists and the Continuous Analysis and Surveillance System audit forms or checklists to include the specific process measurements for each element.

#### Tasks

	To meet this objective, the inspector must accomplish the following tasks:
1.	Review the process measurement questions below.
2.	Review the certificate holder's policies, procedures, instructions, and information to gain an understanding of the process measurements that it has documented.

#### Questions

	To meet this objective, the inspector must answer the following questions:	
1.	Does the certificate holder's Privileges Airframe and Powerplant process include the following process measurements:	
1.1.	Is there a process measurement or process measurements that would identify if an aircraft airworthiness release was not accomplished by an appropriately certificated mechanic?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.2.	Is there a process measurement or process measurements that would identify if RII inspections were not accomplished by an authorized, appropriately certificated mechanic?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.3.	Is there a process measurement or process measurements that would identify if maintenance logbook entries were not accomplished by an appropriately certificated mechanic?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.4.	Is there a process measurement or process measurements that would identify if the certificated mechanic performing maintenance, preventive maintenance, or alterations was not appropriately rated?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.5.	Is there a process measurement or process measurements that would identify if certificated airframe and/or powerplant mechanics did not understand the current instructions provided for the work function?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.6.	Is there a process measurement or process measurements that would identify if the mechanic supervising the work had not performed the work at an earlier date?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.7.	Is there a process measurement or process measurements that would identify if the certificated mechanic supervising the work function was not appropriately	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

	certificated?	
1.8.	Is there a process measurement or process measurements that would identify if a certificated mechanic approved and returned to service maintenance, preventive maintenance, or alterations for which he/she did not have previous experience in the specific work concerned?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
2.	Is there a process measurement or process measurements that would reveal if the certificate holder's policy, procedures, instructions, and information in its manual were followed?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
3.	Does the certificate holder document its process measurements results?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
4.	Does the certificate holder's manual provide for the use of process measurement results to improve its programs?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
5.	Does the organization that conducts the process measurements have direct access to the person with responsibility for the Privileges Airframe and Powerplant process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

<b>SAI SECTION 3 - PROCESS MEASUREMENT ATTRIBUTE</b> <b>Drop-Down Menu</b>	
1.	No process measurements specified.
2.	Documentation for the process measurements does not identify (who, what, when, where, how).
3.	Inability to identify negative findings.
4.	No provisions for implementing corrective actions.
5.	Ineffective follow-up to determine effectiveness of corrective actions.
6.	Resources requirements (personnel, facilities, equipment, technical data).
7.	Other.

### SAI SECTION 4 - INTERFACES ATTRIBUTE

**Objective:** Interfaces are used by the certificate holder to identify and manage the interactions between processes. The questions in this section of the DCT are designed to assist the inspector in determining whether or not interactions between the policies, procedures, or instructions and information associated with other independent processes within the certificate holder's organization are documented. Written policies, procedures, or instructions and information that are interrelated and located in different manuals within the certificate holder's manual system must be consistent and complement each other. For the interfaces to be effectively managed, it is not only important to identify what the interfaces are, but it is imperative to document the specific location of the interfaces within the certificate holder's manual system.

#### Tasks

	To meet this objective, the inspector must accomplish the following tasks:
1.	Review the interfaces associated with the Privileges Airframe and Powerplant process that have been identified along with the individual questions in section 1, Procedures, of this DCT.
2.	Review the certificate holder's policies, procedures, instructions, and information to gain an understanding of the interfaces that it has documented.

#### Questions

	To meet this objective, the inspector must answer the following questions: Note: The design job task items (JTIs) displayed with the questions in section 1, Procedures, of the DCT identify potential interfaces (by element number) for this element.	
1.	Does the certificate holder's manual properly address the interfaces that are identified along with the individual questions in section 1, Procedures, of this DCT?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
2.	Does the certificate holder's manual document a method for assessing the impact of any changes to the associated interfaces within the Privileges Airframe and Powerplant process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain



<b>SAI SECTION 4 - INTERFACES ATTRIBUTE</b> <b>Drop-Down Menu</b>	
1.	No interfaces specified.
2.	The following interfaces not identified within the Certificate Holder's manual system:
3.	Interfaces listed are inaccurate.
4.	Specific location of interfaces not identified within the manual system.
5.	Other

### SAI SECTION 5 - MANAGEMENT RESPONSIBILITY & AUTHORITY ATTRIBUTES

**Objective:** The questions in this section of the DCT address the responsibility and authority of the process. They are designed to assist the inspector in determining if there is a clearly identifiable, qualified, and knowledgeable person who is responsible for the process, is answerable for the quality of the process, and has the authority to establish and modify the process. (The person with the authority may or may not be the person with the responsibility.)

#### Tasks

	To meet this objective, the inspector must accomplish the following tasks:
1.	Identify the person who has overall responsibility for the Privileges Airframe and Powerplant process.
2.	Identify the person who has overall authority for the Privileges Airframe and Powerplant process.
3.	Review the duties and responsibilities of the person(s) documented in the certificate holder's manual.
4.	Review the appropriate organizational chart.

#### Questions

	To meet this objective, the inspector must answer the following questions:	
1.	Does the certificate holder's manual clearly identify who is responsible for the quality of the Privileges Airframe and Powerplant process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain Name/Title:
2.	Does the certificate holder's manual clearly identify who has authority to establish and modify the policies, procedures, instructions, and information for the Privileges Airframe and Powerplant process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain Name/Title:
3.	Does the certificate holder's manual include the duties and responsibilities of those who manage the work required by the Privileges Airframe and Powerplant process? SRRs: 121.135(b)(2)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
4.	Does the certificate holder's manual include instructions and information for those who manage the work required by the Privileges Airframe and Powerplant Process? SRRs: 121.135(a)(1)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
5.	Does the certificate holder's manual clearly and completely document the responsibility for this position?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
6.	Does the certificate holder's manual clearly and completely document the authority for this position?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
7.	Does the certificate holder's manual clearly and completely document its qualification standards for the person having responsibility for the Privileges Airframe and Powerplant process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
8.	Does the certificate holder's manual clearly and completely document its qualification standards for the person having authority to establish and modify the certificate holder's policies, procedures, instructions, and information for the Privileges Airframe and Powerplant process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

9.	Does the certificate holder's manual clearly and completely document the procedures for delegation of authority for the Privileges Airframe and Powerplant process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
----	---	--

<b>SAI SECTION 5 - MANAGEMENT RESPONSIBILITY &amp; AUTHORITY ATTRIBUTES</b> <b>Drop-Down Menu</b>	
1.	Not documented.
2.	Documentation unclear.
3.	Documentation incomplete.
4.	Other.